

**2001 TRAFFIC ACCIDENT DATA
CHAPEL HILL, NORTH CAROLINA**

Accident Types and Violations in Chapel Hill City for the period 1/1/2001 through 12/31/2001

Accident Types

Accident Type	Number of Crashes	Percent	Total K+A Injuries	Total B+C Injuries	Total No Injuries	Total Property Damage
REAR END, SLOW OR STOP	461	39.47	0	252	1,171	\$1,442,406
ANGLE	138	11.82	2	66	331	\$638,220
SIDESWIPE, SAME DIRECTION	89	7.62	0	17	228	\$265,248
LEFT TURN, SAME ROADWAY	82	7.02	4	34	226	\$489,850
LEFT TURN, DIFFERENT ROADWAYS	61	5.22	0	37	133	\$276,150
RAN OFF ROAD - RIGHT	44	3.77	1	22	41	\$211,975
BACKING UP	42	3.60	0	7	71	\$78,300
PARKED MOTOR VEHICLE	37	3.17	0	0	36	\$112,610
ANIMAL	29	2.48	0	3	35	\$63,450
FIXED OBJECT	26	2.23	0	4	28	\$130,905
RAN OFF ROAD - LEFT	20	1.71	5	10	14	\$77,400
PEDESTRIAN	19	1.63	1	18	1	\$6,800
OTHER COLLISION WITH VEHICLE	19	1.63	1	9	39	\$72,650
REAR END, TURN	17	1.46	0	9	40	\$52,850
RIGHT TURN, SAME ROADWAY	15	1.28	0	3	37	\$33,900
SIDESWIPE, OPPOSITE DIRECTION	14	1.20	0	6	29	\$63,150
HEAD ON	14	1.20	2	15	27	\$104,300
PEDALCYCLIST	13	1.11	0	13	1	\$4,325
MOVABLE OBJECT	9	0.77	0	2	12	\$25,200
RIGHT TURN, DIFFERENT ROADWAYS	7	0.60	0	0	18	\$14,700
RAN OFF ROAD - STRAIGHT	4	0.34	0	1	6	\$13,000
OTHER NON-COLLISION	4	0.34	0	1	5	\$35,600
OVERTURN/ROLLOVER	3	0.26	0	2	1	\$4,000
JACKKNIFE	1	0.09	0	0	3	\$2,000
Totals	1,168	100.00	16	531	2,533	\$4,218,989

Violations

Violation	Number of Incidents	Percent
NO CONTRIBUTING CIRCUMSTANCES INDICATED	1,189	40.50
FAILURE TO REDUCE SPEED	477	16.25
INATTENTION	352	11.99
FAILED TO YIELD RIGHT OF WAY	181	6.16
OTHER	162	5.52
FOLLOWED TOO CLOSELY	66	2.25

Violation	Number of Incidents	Percent
IMPROPER TURN	61	2.08
IMPROPER LANE CHANGE	51	1.74
IMPROPER BACKING	45	1.53
EXCEEDED SAFE SPEED FOR CONDITIONS	45	1.53
OPERATED VEHICLE IN ERRATIC, RECKLESS, CARELESS, NEGLIGENT OR AGGRESSIVE MANNER	43	1.46
ALCOHOL USE	38	1.29
DISREGARDED TRAFFIC SIGNALS	37	1.26
EXCEEDED AUTHORIZED SPEED LIMIT	34	1.16
VISIBILITY OBSTRUCTED	26	0.89
DRIVER DISTRACTED	24	0.82
OTHER IMPROPER PASSING	19	0.65
OVERCORRECTED/OVERSTEERED	14	0.48
SWERVED OR AVOIDED DUE TO WIND, SLIPPERY SURFACE, VEHICLE, OBJECT, NON-MOTORIST	14	0.48
CROSSED CENTERLINE/GOING WRONG WAY	12	0.41
DISREGARDED STOP SIGN	12	0.41
USE OF IMPROPER LANE	7	0.24
IMPROPER OR NO SIGNAL	6	0.20
OPERATED DEFECTIVE EQUIPMENT	6	0.20
IMPROPER PARKING	5	0.17
DISREGARDED OTHER TRAFFIC SIGNS	4	0.14
DISREGARDED ROAD MARKINGS	2	0.07
DRUG USE	2	0.07
PASSED ON HILL	1	0.03
RIGHT TURN ON RED	1	0.03
Totals	2,936	100.00

This is a preliminary summary report and should not be used for detailed site specific analysis or as an indication of danger or risk

Chapel Hill Intersections with greatest Number of Accidents from 1/1/2001 to 12/31/2001

Rank	No. of Accidents	Type of Control	Intersection
1	20	Traffic Signal	Columbia Street (NC 86) @ Franklin Street (SR 1010)
2	17	Traffic Signal	Franklin Street (SR 1010) @ Estes Drive (SR 1750)
3	16	Traffic Signal	Airport Road (NC 86) @ Estes Drive (SR 1750 / SR 1780)
4	15	Traffic Signal	Fordham Boulevard (US 15-501) @ Estes Drive (SR 1750)
5	14	Stop Sign	Fordham Boulevard (US 15-501) NB off ramp onto NC 54 EB
5	14	Traffic Signal	Columbia Street (NC 86) @ Rosemary Street
6	13	Traffic Signal	Fordham Boulevard (US 15-501) @ Ephesus Church Road (SR 1742)
6	13	Traffic Signal	Fordham Boulevard (US 15-501) @ Eastowne Drive / BCBS Driveway
7	12	Traffic Signal	Fordham Boulevard (US 15-501) @ Elliott Road
8	11	Traffic Signal	Fordham Boulevard (US 15-501) @ Eastowne Drive / Lakeview Drive
8	11	Traffic Signal	Fordham Boulevard (US 15-501) @ Old Durham Road (SR 1838) / Sage Road
9	11	Traffic Signal	Fordham Boulevard (US 15-501) @ Old Mason Farm Road (SR 1900)
10	11	Traffic Signal	Fordham Boulevard (US 15-501) @ Manning Drive (SR 1902)

2002 TRAFFIC ACCIDENT DATA
CHAPEL HILL, NORTH CAROLINA

Accident Types and Violations in Chapel Hill City for the period 1/1/2002 through 12/31/2002

Accident Types

Accident Type	Number of Crashes	Percent	Total K+A Injuries	Total B+C Injuries	Total No Injuries	Total Property Damage
REAR END, SLOW OR STOP	464	40.28	2	247	1,260	\$1,801,200
ANGLE	140	12.15	1	69	338	\$744,660
SIDESWIPE, SAME DIRECTION	100	8.68	0	7	273	\$396,600
LEFT TURN, SAME ROADWAY	81	7.03	1	39	184	\$484,745
PARKED MOTOR VEHICLE	48	4.17	0	8	58	\$145,203
LEFT TURN, DIFFERENT ROADWAYS	47	4.08	0	34	111	\$240,450
BACKING UP	45	3.91	0	1	102	\$90,805
RAN OFF ROAD - RIGHT	33	2.86	0	14	35	\$199,525
FIXED OBJECT	32	2.78	0	11	33	\$144,550
RAN OFF ROAD - LEFT	20	1.74	2	9	22	\$69,658
SIDESWIPE, OPPOSITE DIRECTION	19	1.65	0	6	40	\$102,450
ANIMAL	17	1.48	0	4	22	\$34,200
RIGHT TURN, DIFFERENT ROADWAYS	16	1.39	0	6	30	\$86,500
RIGHT TURN, SAME ROADWAY	16	1.39	0	3	42	\$58,700
REAR END, TURN	14	1.22	0	1	35	\$50,180
OTHER COLLISION WITH VEHICLE	13	1.13	0	1	44	\$89,720
PEDESTRIAN	12	1.04	4	9	-2	\$10,250
HEAD ON	11	0.95	1	5	24	\$48,360
PEDALCYCLIST	8	0.69	0	8	-1	\$6,250
RAN OFF ROAD - STRAIGHT	6	0.52	0	4	7	\$85,200
OTHER NON-COLLISION	4	0.35	1	7	1	\$14,150
JACKKNIFE	2	0.17	0	0	4	\$6,250
OVERTURN/ROLLOVER	2	0.17	0	1	3	\$5,000
RR TRAIN, ENGINE	1	0.09	0	1	3	\$4,500
UNKNOWN	1	0.09	0	0	0	\$1,000
Totals	1,152	100.00	12	495	2,668	\$4,920,106

Violations

Violation	Number of Incidents	Percent
NO CONTRIBUTING CIRCUMSTANCES INDICATED	1,239	41.36
FAILURE TO REDUCE SPEED	478	15.95
INATTENTION	370	12.35
FAILED TO YIELD RIGHT OF WAY	187	6.24
OTHER	165	5.51

Violation	Number of Incidents	Percent
IMPROPER LANE CHANGE	57	1.90
EXCEEDED SAFE SPEED FOR CONDITIONS	48	1.60
IMPROPER BACKING	47	1.57
FOLLOWED TOO CLOSELY	47	1.57
DISREGARDED TRAFFIC SIGNALS	46	1.54
IMPROPER TURN	46	1.54
ALCOHOL USE	45	1.50
OPERATED VEHICLE IN ERRATIC, RECKLESS, CARELESS, NEGLIGENT OR AGGRESSIVE MANNER	42	1.40
EXCEEDED AUTHORIZED SPEED LIMIT	30	1.00
CROSSED CENTERLINE/GOING WRONG WAY	20	0.67
VISIBILITY OBSTRUCTED	19	0.63
OTHER IMPROPER PASSING	18	0.60
DRIVER DISTRACTED	18	0.60
OVERCORRECTED/OVERSTEERED	16	0.53
SWERVED OR AVOIDED DUE TO WIND, SLIPPERY SURFACE, VEHICLE, OBJECT, NON-MOTORIST	16	0.53
DISREGARDED STOP SIGN	12	0.40
DISREGARDED OTHER TRAFFIC SIGNS	6	0.20
IMPROPER PARKING	5	0.17
USE OF IMPROPER LANE	5	0.17
DRUG USE	4	0.13
RIGHT TURN ON RED	4	0.13
OPERATED DEFECTIVE EQUIPMENT	3	0.10
DISREGARDED ROAD MARKINGS	1	0.03
IMPROPER OR NO SIGNAL	1	0.03
DISREGARDED YIELD SIGN	1	0.03
Totals	2,996	100.00

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Chapel Hill Intersections with greatest Number of Accidents from 1/1/2002 to 12/31/2002

Rank	No. of Accidents	Type of Control	Intersection
1	16	Traffic Signal	Fordham Boulevard (US 15-501) @ Elliott Road
2	14	Traffic Signal	Fordham Boulevard (US 15-501) @ Eastowne Drive / Lakeview Drive
3	13	Traffic Signal	Fordham Boulevard (US 15-501) @ Old Durham Road (SR 1838) / Sage Road
4	12	Traffic Signal	Airport Road (NC 86) @ Estes Drive (SR 1750 / SR 1780)
4	12	Traffic Signal	Fordham Boulevard (US 15-501) @ Old Mason Farm Road (SR 1900)
5	11	Traffic Signal	Fordham Boulevard (US 15-501) @ Ephesus Church Road (SR 1742)
6	11	Stop Sign	Franklin Street (SR 1010) @ Milton Avenue
6	11	Traffic Signal	Franklin Street (SR 1010) @ Boundary Street
7	11	Traffic Signal	Pittsboro Street (NC 86) @ Cameron Avenue
8	10	Stop Sign	Fordham Boulevard (US 15-501) NB off ramp onto NC 54 EB
9	10	Traffic Signal	Franklin Street (SR 1010) @ Estes Drive (SR 1750)
10	10	Traffic Signal	Fordham Boulevard (US 15-501) @ Eastowne Drive / BCBS Driveway

2003 TRAFFIC ACCIDENT DATA
CHAPEL HILL, NORTH CAROLINA

Accident Types and Violations in Chapel Hill City for the period 1/1/2003 through 12/31/2003

Accident Types

Accident Type	Number of Crashes	Percent	Total K+A Injuries	Total B+C Injuries	Total No Injuries	Total Property Damage
REAR END, SLOW OR STOP	497	42.23	3	246	1,315	\$1,758,220
ANGLE	150	12.74	0	80	366	\$735,923
LEFT TURN, SAME ROADWAY	81	6.88	0	43	177	\$449,050
SIDESWIPE, SAME DIRECTION	70	5.95	0	8	178	\$217,100
LEFT TURN, DIFFERENT ROADWAYS	47	3.99	0	19	124	\$187,100
RAN OFF ROAD - RIGHT	43	3.65	0	18	42	\$227,600
BACKING UP	41	3.48	0	2	99	\$74,325
FIXED OBJECT	34	2.89	1	6	33	\$187,301
SIDESWIPE, OPPOSITE DIRECTION	30	2.55	0	10	68	\$115,400
ANIMAL	29	2.46	0	3	34	\$54,200
PARKED MOTOR VEHICLE	28	2.38	0	4	24	\$88,350
RIGHT TURN, SAME ROADWAY	20	1.70	0	1	50	\$53,000
REAR END, TURN	19	1.61	0	3	46	\$50,380
RAN OFF ROAD - LEFT	17	1.44	0	11	11	\$75,900
PEDESTRIAN	15	1.27	1	14	2	\$7,210
PEDALCYCLIST	9	0.76	0	9	5	\$3,900
OTHER NON-COLLISION	9	0.76	0	4	8	\$17,000
RAN OFF ROAD - STRAIGHT	8	0.68	0	4	15	\$31,900
HEAD ON	7	0.59	0	2	14	\$28,700
RIGHT TURN, DIFFERENT ROADWAYS	7	0.59	0	2	16	\$29,200
OTHER COLLISION WITH VEHICLE	6	0.51	0	1	12	\$21,200
MOVABLE OBJECT	5	0.42	0	2	7	\$43,250
UNKNOWN	4	0.34	0	0	12	\$13,300
JACKKNIFE	1	0.08	0	0	4	\$7,500
Totals	1,177	100.00	5	492	2,662	\$4,477,009

Violations

Violation	Number of Incidents	Percent
NO CONTRIBUTING CIRCUMSTANCES INDICATED	1,228	41.83
FAILURE TO REDUCE SPEED	476	16.21
INATTENTION	373	12.70
FAILED TO YIELD RIGHT OF WAY	189	6.44
OTHER	158	5.38
IMPROPER TURN	67	2.28

Violation	Number of Incidents	Percent
IMPROPER LANE CHANGE	48	1.63
ALCOHOL USE	43	1.46
IMPROPER BACKING	42	1.43
FOLLOWED TO CLOSELY	39	1.33
DISREGARDED TRAFFIC SIGNALS	37	1.26
EXCEEDED SAFE SPEED FOR CONDITIONS	35	1.19
OPERATED VEHICLE IN ERRATIC, RECKLESS, CARELESS, NEGLIGENT OR AGGRESSIVE MANNER	30	1.02
CROSSED CENTERLINE/GOING WRONG WAY	21	0.72
DRIVER DISTRACTED	19	0.65
EXCEEDED AUTHORIZED SPEED LIMIT	19	0.65
VISIBILITY OBSTRUCTED	18	0.61
OTHER IMPROPER PASSING	18	0.61
SWERVED OR AVOIDED DUE TO WIND, SLIPPERY SURFACE, VEHICLE, OBJECT, NON-MOTORIST	17	0.58
OVERCORRECTED/OVERSTEERED	13	0.44
OPERATED DEFECTIVE EQUIPMENT	10	0.34
DISREGARDED STOP SIGN	7	0.24
IMPROPER PARKING	6	0.20
DISREGARDED ROAD MARKINGS	6	0.20
USE OF IMPROPER LANE	6	0.20
DISREGARDED OTHER TRAFFIC SIGNS	5	0.17
RIGHT TURN ON RED	3	0.10
DRUG USE	1	0.03
IMPROPER OR NO SIGNAL	1	0.03
PASSED ON HILL	1	0.03
Totals	2,936	100.00

This is a preliminary summary report and should not be used for detailed site specific analysis or as an indication of danger or risk

Chapel Hill Intersections with greatest Number of Accidents from 1/1/2003 to 12/31/2003

Rank	No. of		Intersection
	Accidents	Type of Control	
1	24	Traffic Signal	Airport Road (NC 86) @ Estes Drive (SR 1750 / SR 1780)
2	21	Stop Sign	Fordham Boulevard (US 15-501) NB off ramp onto NC 54 EB
2	20	Traffic Signal	Fordham Boulevard (US 15-501) @ Eastowne Drive / Lakeview Drive
3	17	Traffic Signal	Fordham Boulevard (US 15-501) @ Old Durham Road (SR 1838) / Sage Road
4	15	Traffic Signal	Fordham Boulevard (US 15-501) @ Elliott Road
5	14	Traffic Signal	Columbia Street (NC 86) @ Franklin Street (SR 1010)
6	13	Traffic Signal	Franklin Street (SR 1010) @ Estes Drive (SR 1750)
7	12	Traffic Signal	Fordham Boulevard (US 15-501) @ Estes Drive (SR 1750)
8	10	Traffic Signal	Pittsboro Street (NC 86) @ Cameron Avenue
9	10	Traffic Signal	Fordham Boulevard (US 15-501) @ Old Mason Farm Road (SR 1900)
9	10	Traffic Signal	Fordham Boulevard (US 15-501) @ Manning Drive (SR 1902)
10	9	Traffic Signal	Fordham Boulevard (US 15-501) @ Ephesus Church Road (SR 1742)

**THREE YEAR SUMMARY
(2001 to 2003)
TRAFFIC ACCIDENT DATA
CHAPEL HILL, NORTH CAROLINA**

Accident Types and Violations in Chapel Hill City for the period 1/1/2001 through 12/31/2003

Accident Types

Accident Type	Number of Crashes	Percent	Total K+A Injuries	Total B+C Injuries	Total No Injuries	Total Property Damage
REAR END, SLOW OR STOP	1,422	40.66	5	745	3,746	\$5,001,826
ANGLE	428	12.24	3	215	1,035	\$2,118,803
SIDESWIPE, SAME DIRECTION	259	7.41	0	32	679	\$878,948
LEFT TURN, SAME ROADWAY	244	6.98	5	116	587	\$1,423,645
LEFT TURN, DIFFERENT ROADWAYS	155	4.43	0	90	368	\$703,700
BACKING UP	128	3.66	0	10	272	\$243,430
RAN OFF ROAD - RIGHT	120	3.43	1	54	118	\$639,100
PARKED MOTOR VEHICLE	113	3.23	0	12	118	\$346,163
FIXED OBJECT	92	2.63	1	21	94	\$462,756
ANIMAL	75	2.14	0	10	91	\$151,850
SIDESWIPE, OPPOSITE DIRECTION	63	1.80	0	22	137	\$281,000
RAN OFF ROAD - LEFT	57	1.63	7	30	47	\$222,958
RIGHT TURN, SAME ROADWAY	51	1.46	0	7	129	\$145,600
REAR END, TURN	50	1.43	0	13	121	\$153,410
PEDESTRIAN	46	1.32	6	41	1	\$24,260
OTHER COLLISION WITH VEHICLE	38	1.09	1	11	95	\$183,570
HEAD ON	32	0.92	3	22	65	\$181,360
PEDALCYCLIST	30	0.86	0	30	5	\$14,475
RIGHT TURN, DIFFERENT ROADWAYS	30	0.86	0	8	64	\$130,400
RAN OFF ROAD - STRAIGHT	18	0.51	0	9	28	\$130,100
OTHER NON-COLLISION	17	0.49	1	12	14	\$66,750
MOVABLE OBJECT	14	0.40	0	4	19	\$68,450
OVERTURN/ROLLOVER	5	0.14	0	3	4	\$9,000
UNKNOWN	5	0.14	0	0	12	\$14,300
JACKKNIFE	4	0.11	0	0	11	\$15,750
RR TRAIN, ENGINE	1	0.03	0	1	3	\$4,500
Totals	3,497	100.00	33	1,518	7,863	\$13,616,104

Violations

Violation	Number of Incidents	Percent
NO CONTRIBUTING CIRCUMSTANCES INDICATED	3,656	41.23
FAILURE TO REDUCE SPEED	1,431	16.14
INATTENTION	1,095	12.35
FAILED TO YIELD RIGHT OF WAY	557	6.28

Violation	Number of Incidents	Percent
OTHER	485	5.47
IMPROPER TURN	174	1.96
IMPROPER LANE CHANGE	156	1.76
FOLLOWED TO CLOSELY	152	1.71
IMPROPER BACKING	134	1.51
EXCEEDED SAFE SPEED FOR CONDITIONS	128	1.44
ALCOHOL USE	126	1.42
DISREGARDED TRAFFIC SIGNALS	120	1.35
OPERATED VEHICLE IN ERRATIC, RECKLESS, CARELESS, NEGLIGENT OR AGGRESSIVE MANNER	115	1.30
EXCEEDED AUTHORIZED SPEED LIMIT	83	0.94
VISIBILITY OBSTRUCTED	63	0.71
DRIVER DISTRACTED	61	0.69
OTHER IMPROPER PASSING	55	0.62
CROSSED CENTERLINE/GOING WRONG WAY	53	0.60
SWERVED OR AVOIDED DUE TO WIND, SLIPPERY SURFACE, VEHICLE, OBJECT, NON-MOTORIST	47	0.53
OVERCORRECTED/OVERSTEERED	43	0.48
DISREGARDED STOP SIGN	31	0.35
OPERATED DEFECTIVE EQUIPMENT	19	0.21
USE OF IMPROPER LANE	18	0.20
IMPROPER PARKING	16	0.18
DISREGARDED OTHER TRAFFIC SIGNS	15	0.17
DISREGARDED ROAD MARKINGS	9	0.10
RIGHT TURN ON RED	8	0.09
IMPROPER OR NO SIGNAL	8	0.09
DRUG USE	7	0.08
PASSED ON HILL	2	0.02
DISREGARDED YIELD SIGN	1	0.01
Totals	8,868	100.00

This is a preliminary summary report and should not be used for detailed site specific analysis or as an indication of danger or risk

Chapel Hill Intersections with greatest Number of Accidents from 1/1/2001 to 12/31/2003

Rank	No. of Accidents	Type of Control	Intersection
1	52	Traffic Signal	Airport Road (NC 86) @ Estes Drive (SR 1750 / SR 1780)
2	45	Stop Sign	Fordham Boulevard (US 15-501) NB off ramp onto NC 54 EB
2	45	Traffic Signal	Fordham Boulevard (US 15-501) @ Eastowne Drive / Lakeview Drive
3	43	Traffic Signal	Columbia Street (NC 86) @ Franklin Street (SR 1010)
3	43	Traffic Signal	Fordham Boulevard (US 15-501) @ Elliott Road
4	41	Traffic Signal	Fordham Boulevard (US 15-501) @ Old Durham Road (SR 1838) / Sage Road
5	40	Traffic Signal	Franklin Street (SR 1010) @ Estes Drive (SR 1750)
6	36	Traffic Signal	Fordham Boulevard (US 15-501) @ Estes Drive (SR 1750)
7	33	Traffic Signal	Fordham Boulevard (US 15-501) @ Ephesus Church Road (SR 1742)
7	33	Traffic Signal	Fordham Boulevard (US 15-501) @ Old Mason Farm Road (SR 1900)
8	31	Traffic Signal	Columbia Street (NC 86) @ Rosemary Street
9	30	Traffic Signal	Fordham Boulevard (US 15-501) @ Manning Drive (SR 1902)
10	30	Traffic Signal	Fordham Boulevard (US 15-501) @ Eastowne Drive / BCBS Driveway